

Having thus described the invention, what is claimed is:

Claim 1: A method for control of the temperature and quantity of water added to a mixing bowl during the mixing of batters used for muffins, cakes and the like, the method comprising the steps of:

(a) providing a reservoir tank for containing a desired quantity of water;

(b) providing an initial quantity of water in the reservoir tank utilizing inlet valving;

(c) providing a temperature measuring device for measuring the temperature of the water in the reservoir tank;

(d) measuring the temperature of the initial quantity of water using the temperature measuring device;

(e) adjusting the temperature of the initial quantity of water by adding an additional quantity of water so as to obtain a desired quantity of water at a desired temperature; and

(f) utilizing outlet valving connected to the reservoir tank to dispense the desired quantity of water at an adjustable controlled rate into the mixing bowl.

Claim 2: A method for control in accordance with claim 1, further comprising the step of providing an overflow port system on the reservoir tank to prevent overfilling thereof with water.

Claim 3: A method for control in accordance with claim 2, wherein the overflow port system on the reservoir tank has a trap system therein to prevent contaminants from entering the reservoir tank.

Claim 4: A method for control in accordance with claim 2, further comprising the step of providing a waste line connected to the overflow port system for allowing any excess water to be drained from the reservoir tank for disposal.

Claim 5: A method for control in accordance with claim 1, further comprising the step of providing graduations on the reservoir tank so the desired quantity of water can be accurately measured.

Claim 6: A method for control in accordance with claim 1, further comprising the step of providing a bypass line connected to the outlet valving for allowing residual ingredients to be rinsed from smaller measuring containers into the mixing bowl.

Claim 7: A method for control in accordance with claim 1, further comprising the step of providing a waste line connected to the outlet valving for allowing any excess water to be drained from the reservoir tank for disposal.

Claim 8: A method for control in accordance with claim 1, further comprising the step of providing a check valve connected to the reservoir tank for allowing air to enter the reservoir tank as water is drained therefrom.

Claim 9: A method for control in accordance with claim 1, wherein the temperature measuring device includes a temperature probe inserted in the water to measure the temperature thereof.

Claim 10: A method for control in accordance with claim 9, wherein the temperature measuring device is a digital temperature measuring device.

Claim 11: An apparatus for control of the temperature and quantity of water added to a mixing bowl during the mixing of batters used for muffins, cakes and the like, the apparatus comprising:

(a) a reservoir tank for containing a desired quantity of water;

(b) inlet valving to provide an initial quantity of water in the reservoir tank and to adjust the temperature of the initial quantity of water by adding an additional quantity of water so as to obtain a desired quantity of water at a desired temperature;

(c) a temperature measuring device for measuring the temperature of the water in the reservoir tank; and

(d) outlet valving connected to the reservoir tank to dispense the desired quantity of water at an adjustable controlled rate into the mixing bowl.

Claim 12: An apparatus for control in accordance with claim 11, further comprising an overflow port system on the reservoir tank to prevent overfilling thereof with water.

Claim 13: An apparatus for control in accordance with claim 12, wherein the overflow port system on the reservoir tank has a trap system therein to prevent contaminants from entering the reservoir tank.

Claim 14: An apparatus for control in accordance with claim 12, further comprising a waste line connected to the overflow port system for allowing any excess water to be drained from the reservoir tank for disposal.

Claim 15: An apparatus for control in accordance with claim 11, further comprising graduations on the reservoir tank so the desired quantity of water can be accurately measured.

Claim 16: An apparatus for control in accordance with claim 11, further comprising a bypass line connected to the outlet valving for allowing residual ingredients to be rinsed from smaller measuring containers into the mixing bowl.

Claim 17: An apparatus for control in accordance with claim 11, further comprising a waste line connected to the outlet valving for allowing any excess water to be drained from the reservoir tank for disposal.

Claim 18: An apparatus for control in accordance with claim 11, further comprising a check valve connected to the reservoir tank for allowing air to enter the reservoir tank as water is drained therefrom.

Claim 19: An apparatus for control in accordance with claim 11, wherein the temperature measuring device includes a temperature probe inserted in the water to measure the temperature thereof.

Claim 20: An apparatus for control in accordance with claim 19, wherein the temperature measuring device is a digital temperature measuring device.